

⑦ FARLOW - NOTEBOOK, notes on  
fungi (in Europe?)

⑥ FARLOW - NOTEBOOK

Notes on Specimens (Algae?)





MARQUINÉRIE  
L. CHAMOUIN  
76 Rue de Richelieu 76

Literary. Jardin  
des Plantes.

Linn. Observations.

The part I have  
is part I. 1809.

The part II 1816.

Has 20 pages in-  
cluding genera of  
Ureum. There  
are six figures  
forming part of  
Plate I. of no  
consequence.

For plates of  
Paulet ed. I. and  
Buckley, see letter  
of Bouché.

Garden des Plantes  
examined of  
crustal alga of  
Guadeloupe

27. *Ceramium*  
*strictoides*. Can  
this be young  
*C. Howardianum*?

---

29. *Ceramium*  
*nodiferum*  
looks like *C.*  
*arachnoidum*

---

58. *Grateloupia*  
*Cultivata*  
= *C. Gibbesii*

---

64. *Acropeltis*  
*clavata*, look like

3 a *Corallopsis*  
or *Cardylecladia*

---

72. *Chrysomena*  
*obovata* = *C. obovata*.

---

69. *Lehimetmanina*  
*Ballei* & *Alsidium*  
*Boedgettii*.

---

*Gymnophloea*  
*canariensis* (Mont.)  
Kg. in alg. Guadel  
no. 48. 90 ~~th~~  
*Coracilaria* (ou *verba*)

---

no. 57. *Grateloupia*  
*spinulosa* Alg.  
Guad. 90 (this the



little species looking  
like a small  
*Eupatorium* from  
California or  
Santa Cruz M.D.?

---

*Chrysomela*  
*dictyotoma* - *flobellata*  
= *Halymenia*  
*deeperensis*

---

*Myrshodea* *Chromium*  
looks like a  
*Eucheuma*

---

*Myrshodea* *Leva*  
*delapensis* &  
*M. polyacantha*  
are they not the  
same?

*Grisea littoralis*  
looks like a  
*Gelidium*.

---

*Kallymenia*  
*Lin nungii* looks  
like a *Conosticta*  
*reniformis*.

---

no. is a *Gelidium*  
acc. Borneo but  
not *G. dichotome*

N. ornet

~~Lycopodium in  
Hohenacker &  
a phoenagium~~

~~Corallina subulato  
gamaea. C. polydora  
is pauciflora.  
C. plumifera &  
C. trichocarpa  
Bourne & others  
are synonyms  
of C. subulata.~~

~~Calixaura  
Pitcairnia &  
a Holymenia  
according to Bourne  
and others not~~

~~seem to be  
mentioned any  
where in print  
as anything but  
Galax. Pikeana.~~

---

~~Sphaecularia  
compacta from  
Mexico is  
a form of Ectocarpus  
compactus (Pylaeus)~~

---

~~J. A. Hooper, Yes  
Introduction to  
algology Oct. 1854  
indexed &~~

---

~~Gymnophloea  
carnaria Cr.  
= Gracilaria conferta~~

Bornet has  
no *Crossocarpus*  
nor *Glaciophelia*  
*furcata*.

---

~~*Gracilaria obtu-*  
*angula* Cru. &  
*C. brachyphloea* Cru  
= *C. conperuata*.~~

---

~~*Gracilaria margi-*  
*nata* W. rosen Cru  
seems to be *Grac.*  
*Blodgettii*.~~

---

My *Gracilaria*  
*cervicornis* from  
Mrs. Curtis &  
probably *adusta*.

Desmia Horne  
Menni, Gracilaria  
Patten (in part)  
of G. Kernmense  
of G. ramulosa  
of Crn. Guadel.

are G. cervicornis  
G. caudata is put  
by some in  
G. cervicornis

My best forms  
of Gracilaria  
are G. cervicornis

~~Phaeococcus raculatus~~  
~~Mont. in Herb. Mont.~~  
are G. cervicornis

The Callophyllis  
-like Gracilaria  
from Ashimall  
may be Grac. dentata.

---

Grac. chondramus  
G. chondryoides  
G. corticata of  
Cru. Alg. Gaard are  
G. multi-partita.

---

~~Placunia dichotoma  
flabellata Cr. said  
by Agardh to be  
a Chrysomenia  
are not Chrysomena  
see specimen in  
Herb. Bonnet~~

Send conceptacles  
of Cracilaria  
Molyettiae to  
Barnes.



47

Bouché,

~~The fungus on  
Abies balsamea  
Vermont. Fringle  
is Pithya vulgaris~~

Examine my  
plate of Agaricus  
Rocquard to see  
whether it is  
not a Chitonina  
like C. Piquonii  
Bouché in Bull  
Soe. Mus. XVII,

Herb. Agardh.

Rhodomela  
subfresca. Under  
this are specimens  
from Newfoundland  
marked Ceramium  
fasciculatum  
de La Pyl. & Cer.  
(Boerrii?)

---

no. 184. Alg. Am.  
Box. Rhodomela  
subfresca &  
the R. tenuissimum  
Ungava Bay

are put outside  
the R. substance  
cover. 2y. Did  
Agardh think  
there was  
doubt about  
~~these two~~  
specimens?

alg. number. no 7  
R. Larix & no.  
185. R. floccosa  
are right

Adoultalea  
Lyallii (Stratton  
no 7.) with an Ulva.

at home and my  
22, Oregon are  
just like *A. Lyallii*.  
There is only one  
other specimen  
of this species.

---

A doubt about Aleutian  
specimens all  
over and not  
characteristic.

*Atomaria* (stacei  
Kapp.) a synonym  
of this *A. Aleutica*  
judging by specimens  
is near *A. Lyallii*.

*Odonthalia* Kamt-  
schateri & *angustifolia* the same  
species, rather  
broader and flatter  
than *alutica*.

---

My 33. Oregon  
marked *Odont*  
*corymbifera* is  
put in *O. semi-*  
*costata*

---

The narrow  
Canadian *Odontha*  
is kept by Agardh  
in *O. dentata*.

---

My *Acanthopora*  
*murcaidei* &  
*A. hierii*!

*Cyclopora Curtissiae*

Two specimens.

I have never seen  
it before. Specimen

small looking a  
little like a *Grate*  
*Coarctia* irregularly  
branching with  
marginal *Microphylo*  
On specimens is  
marked *Chondro*  
*sp. nov. prox.*  
*C. foliiferae*

---

*Mrs. Curtis* - dense  
branching *terrestris*  
*Bryothamnion*  
is called *B. sen-*  
*fautii* var. *inbucata*

E. Palmeri 24,  
Inolean River  
is Bryactamnia  
Leaforthi.

---

under Lophothalia  
Yumanowiczii  
is a Dasys like  
D. elegans from  
Mrs. Hall.

---

Compare the delicate  
Dasys something  
like D. elegans  
but small with  
Lophothalia ~~leuco-~~  
cloos.



compare Amanu  
Melvillean  
with my Sandwīt  
Isd. alga (not  
amanu's glaucous  
but the dark form)

---

Vidalia obtusiloba  
Florida. Mr. Curtis

---

To my Darya  
Berkeleyi from  
Kerguelen Isd. ....  
night.

---

Okamura no. 25  
Darya scoparia  
but no doubt per

Mus. Hall's  
Dasya no 6<sup>a</sup>

Dec. 1897. Key West  
has no name  
Mus. Hall 16. Nov. 97  
Key West is  
marked ~~Dasya~~  
Wardmanni  
prop.

Mus. Hall no 4,  
small form  
looking like  
a Rhachocheta  
is marked Dasya  
acellata.

75 Dasya elegans

No. 6. Hall. Jan.  
198 looks like  
Dasya elegans

no. 9. 2 specimens  
March & April  
197 marked  
an sp. nov.

Dasya Cronquisti!  
a dasya looking  
like the common  
soft form of  
D. elegans from  
Mrs. Curtis's  
Mussel Dasya  
pedicellata

Dasya subsecunda  
no. 131. Alg. Am. Bore!

*Sargis corymbifera*  
Curtis. Florida!

---

The large *Dietziana*  
from Florida is  
in *Dietziana*  
case without  
name but in  
the *D. occidentalis*  
cover are several  
somewhat

smaller specimens  
from Florida and  
there is a large  
specimen from  
Herb. S. H. Gray  
Mr. G. without  
name

*Halymenella*  
*argentea* Harv.  
of *Meerenthalia*  
*populosa*

---

*Dasya pacifica*.  
Only one specimen  
in Herb. Arguth.  
from Harv. & mealy  
Isol. Alga which  
does not look  
like what I  
call *D. pacifica*.

---

*Asparagopsis*  
*Laubdianer* (?)  
from Landditch  
Island is not  
named by Arguth

Is my *Ptilonia*  
*Magellanica* from  
Kerguelen not  
*Ptilonia australis*.

---

In Lomentario  
cover specimen  
19417 from Mrs  
Curtiss marked  
"a *Chylocladia*  
*Bailejana* differt  
filiis nullis  
evidentia Contractis.

---

a very large  
*Mardenia Pavorina*  
from Mr. Hall,  
L. Coriola.

my *Sauderia*  
*Bel. Montezuma*  
is not *M. auctata*  
or *M. denticulata*.  
Can it be *M. elegans*  
which it resembles  
Dowen hat,

---

*Spizidia Melvilli*  
appears to be *L.*  
*filamentosa*  
*var. refracta* Ham.

---

*Spizidia Ceram-*  
*oides* of Mrs. Curtis  
same as in Agardh's  
Herb.

---

*Larophyllis* (*Chry-*  
*menes*) *edulis*. Japan  
N. Pac. Exp. is kept  
in cover by itself  
next to *L. edulis*,

*Larva Myllis Californica*  
My specimens  
sent from Oregon  
(an *Californica*) to  
Agardh are black  
and thick. Mrs.  
Hall's specimens  
are larger, redder  
and thinner.

---

*Cystoclonium*  
*gracilaria*ides,  
One specimen only  
from Horner. I do  
not see why it  
might not be  
a *Phaeobrya*  
*Caulerpa*.



*Cystoclonium*  
capillare from  
Kamtschatka has  
the habit of a  
*Hypnea*, & it  
really a *Cystoclonium*  
*Meristotheca* Du-  
chassaingii from  
New Cattle is the  
same from N.C.  
Papillae occasionally  
branched.

*Carpococcus*  
*cylicus* which  
looks like a *Meris-*  
*totheca* may be  
in my herbarium  
*Rhabdonia mixta*  
Specimen from

Florida, Harlan  
10(12) holot  
broad like *Gracilior*  
*multipartita*, speci-  
mens from Mrs  
Curtis are narrower,  
Put in cover  
marked *Rhabdonia*  
*mixta* but at  
bottom sheet is  
written "*Halysaenina*  
*sp.*"

---

*Rhabdonia dura*  
Zan. var. *gracilis*  
Crouan. put by Agardh  
in cover of *R. tenera*  
looks like what I  
call *Solieria chondale*,

*Eucheuma nudum*.  
Only three specimens  
in Herb. Acadh;  
one my Landwehr  
Red. algae; one  
from Mrs. Bingham  
California which  
looks like *Rhod-  
donia Caulteri*;  
and one poor  
specimen from  
Herb. Bieder.

---

My *Eucheuma* \*  
*spinosum*,  
Majority 21,  
is marked *Euch.  
jugatum*

no. 46<sup>a</sup>. Palmer  
Cedar Keys 1874  
is *Eucheuma acm-*  
*thaelaclaem*.

---

*Eucheumia Gelidium* \*  
from Mrs. Curtis  
is somewhat  
flattened with  
shiny margin like  
*Mychrodea Grote-*  
*boepensis* Gr.,  
which is put  
with it.

---

My *Eucheumia* \*  
*Gelidium*? Lant  
Cruz N. G., no. 22  
is *Eucheumia thraumia*

One specimen of  
*Echeuma echin-*  
*carpum* from Mrs.  
Curtis is flat  
with lobes of  
*Chondrus crispus*.  
Another specimen  
is very different  
and papillae on  
margin are long  
and pointed.

---

*Calosiphonia*  
*californica* n. sp.  
*Nemastoma*.

---

The large plant  
from Bermuda  
supposed to be  
*Dudresnaya*

*purpurifera* is  
*Glossosiphonia*  
*Caribaea*.

---

*Cryptosiphonia*  
*Modi*, Yms  
specimens only and  
fragmentary, axes  
with a few irregular  
branches clothed  
or almost holed  
with short travellits

---

The *Cryptosiphonia*  
I sent as *C. Grayana*  
from Santa Cruz May  
1885 marked by  
Agardh as *not*

examined but  
having the habit  
of *Pilea*.

---

*Cryptosi Monia*  
*Grayana*. One  
specimen and a  
seed on glass -  
which looks like  
*Azorella*'s fls  
but hardly like  
my plant last  
examined.

---

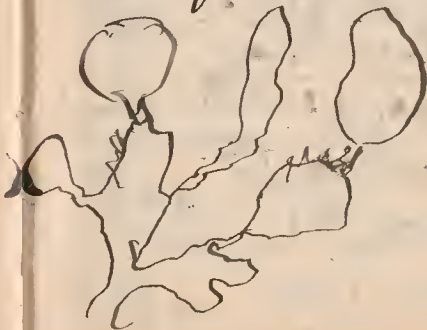
*Halosaccion*  
*uticulosum* Lepech.  
Kjellman file  
Kjellman is the  
large *Halosaccion*  
collected by Lamela.

*Harlowia compressa* is 28 Aly.  
Am. Bot. & Anderson  
58, certainly.

*Harlowia crossa*  
is certainly my  
Oregon alga.

---

*Harlowia phyllophora*  
is my *Kallymenia*  
*californica*





*Natadictyon* of  
Florida put  
in cover of *Specme-*  
*thum nigrum* ~~cover~~  
Flouidnam.

---

*Naccoried corym-*  
*bosa*. Mrs. Hall.  
Resembles a  
Dasya in habit  
and may be in  
my Dasya cover

---

*Megastictia*  
*Californica*  
My no. 20. Cleveland  
also my (14) a 14  
H. B. Hall. B. B. Hall  
The above is a  
copy of the original

20 is



*Chondrus affinis*

Agardh herb

Here no 147

*Chondrus canaliculatus*. Alg. Can

Bay. May 14

*Chondrus platygamus*

Algae Celermon

put here also  
a small *Chondrus*  
from Mrs. Bidgden  
and a Californian  
alga by Dörsing.

No Harveyan  
specimen of  
*C. affinis* in  
Herb. Agardh.

---

In *Chondrus*  
*canaliculatus*  
are no Californian  
specimens. The  
type specimen  
of *C. canaliculatus*  
of Agardh is not

Much canaliculate  
and only a  
fragment about  
2 inches long.

The other  
specimens are  
from Chili and  
look like  
*C. crispus* and  
some are not  
canaliculate  
at all.

---

In *Chondrus*  
flatyms are  
like the small  
Sandwich Isd

Chondrus; also  
the Chondrus  
crispus, or  
polycaepus and  
alter C. crispus  
of Morelet.  
There is also  
in corner of  
Chondrus Platyus,  
a sheet with  
specimens  
from Newfoundland  
Coud de la Pylain

---

There are no  
Americana  
specimens in  
corner of  
Rhodoglossum

In Britton  
Membranaceo  
is my "O, Santa  
Cruz, California  
referred to  
Rhodoglossum  
cutissimum,  
with the note  
"Planta quam  
ex habitum Rhod.  
cutissimum putavi  
ex Santa Cruz, Calif.  
a Karl Winters  
specimen vidi the  
fructibus immens  
in structuram in  
quibus tantum

*Cystocarpia*  
Recognoscere  
credidi nec solos  
*sphaerospores*  
in ... videtur. This  
plant of mine  
is rather shiny  
rosy-purple; one  
specimen forked,  
the other lacinate.  
Specimens from  
Valparaiso named  
by Harvey & Grate-  
loupia *latteria*  
are put by A  
in Grid. Membran.  
There is also a specimen  
from Anderson by

me put in. Dryd.  
membranace. These  
were rather thick  
narrow stipate  
clustered ponds  
of a colour like  
blue.



---

*Grisea angustata*  
in Herb. ag. no better  
than an mine.



Under *G. cordata*  
agardh photo my  
125 (laminarioids)  
alg. Am. Bor. and  
all the large  
*G. laminarioides*  
as I call it.

---

*Priddia minor* J. Ag.  
only 1 specimen.  
California. Douglas  
dark brown.



Under *Gridaea*  
*laminaroides* are  
narrower forms  
from Chili including  
the var. *cornu-*  
*rioides*. No  
specimens from  
Chili found in  
cover of *laminaroides*.

---

*Grid. micans*. No  
better than mine.

---

*Gridaea laciniata*  
(*G. laminaroides* <sup>G.</sup> <sup>Boyd?</sup>)  
represented only  
by *Hohenacker*  
289.

"*Sphaerococcus*  
*Lessonii*, ded.  
'Urville' which  
is put under  
*G. jactura contorta*  
looks just like  
*G. cuneolobata*.

---

*Manillaria*  
*verrucosa* var.  
*Unaluschensis*  
Ruber. Compare  
this with *Saunders*  
small *Chondrus*  
from Alaska which  
it resembles in  
shape and size  
The *Rubrecht* ~~algae~~  
has papillae.

*Egizartus volans*  
is correctly named  
but C. Agardh's  
type is not in  
the cover of *E. volans*  
and apparently  
is lost.

---

*Egizartus mollis*.  
There is no type  
specimen from  
Harvey in Arch. Agardh.  
The two specimens  
are from Eaton and  
me. New Hill  
San Diego 1877 sent  
by Eaton as *E. gelat-*  
*inosus* Ag.? This is  
the narrow much

branched dirty  
yellow more or  
less complanate  
when dried.

---

Gig. leptorhyncha  
#79. Alg. Am. Bor  
G. microphylla  
Harriada. M.B.

---

Mutter liz  
Gig. gelatinosa  
Agardh has 2  
specimens from  
Haenke, China,  
marked G. mollis  
H. & H.?

~~Under~~ *Eg. armata*  
are all the large  
*E. microphylla*  
(*Mastigocarpus*  
*Harveyanus*) but  
no. 124 *Alg. am. Bon*  
which I supposed  
to be *E. spinosa*  
is put by Agardh  
~~as~~ *E. armata*. Perhaps  
specimens 124  
in *Alg. am. Bon* are  
not all the same.

---

*Eg. aspenifolia*.  
1 specimen only  
from Mrs Budgdon

is the same as  
*G. armata* whatever  
that species may  
be called.

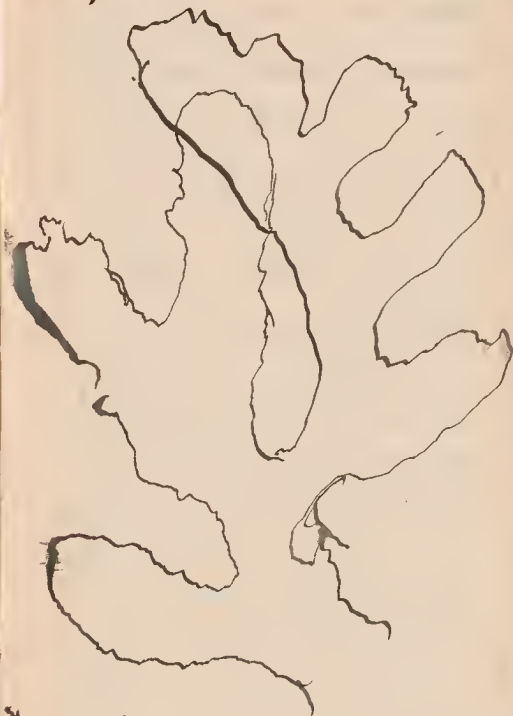
---

*Eizantia cana-*  
*sculata* includes  
*Sphaerococcus*  
*Lindleyanus* J. Ag.  
Synh, Monterey  
Cal., E. Gardner.

---

*Eizantia Batrach-*  
*opus* is the narrow  
mamillate form  
from San Juan  
E. Palmer 1876, also  
*Mamillaria verrucosa*  
*Michxterianus* R. & S.

*Actinoptera Falcata*





*Gigartina Canifer-*  
*Micro* includes  
122 Alg. Am. Bor.  
and a specimen  
from Mrs. Cooper

---

*Gigartina micro-*  
*phylla* retains  
123 Alg. Am. Bor.  
and several  
other specimens

---

*Gigartina*  
*Binghamii* is  
only *G. Rodula*  
large and young  
with papillae  
just forming

*Gigartina*  
*catissima* is  
the broad form  
of the type of  
*G. mamillosa*  
of Pacific Coast.

---

*Gigartina*  
*exasperata*,  
specimens all  
large coarse  
*G. Rosal*  
collected by  
Berggren.

---

*Gigartina* *gardineri*  
and *G. papillosa*  
hardly to be dis-

tinguished from  
each other in  
Herb. Azorh. The  
type of *E. Gardin*  
is a poor and  
almost worthless  
specimen from  
Monterey Garden,  
and there are  
much broader  
forms from  
Beygren and  
also very narrow  
forms of *E. mam-  
illosa* long and  
narrow

---

*Gigantia papillata*

is even more  
mixed. Beetle  
forms from Mrs.  
Bingham and  
Anderson (the  
latter broad,  
flat, purple  
mammillose  
form) there is  
one specimen  
from "Miss  
attended"  
Kornmann.

---

My *Abutilon*  
*dendroideum* from  
Landerwick flower  
as *A. concinna*.

but the *Ampelis*  
*Polyzoides* from  
Sandwich Is. looks  
Bezzera looks  
about the same.

In Tech Azard  
*Ampelis*  
*Dacrydaceae* from  
from Wood is -  
marked a *Dacrydaceae*  
but perhaps rather  
*A. concinna*

*Corylus leucodonta*  
*conferta*, San-  
Diego, Cal. is kept  
as *C. conferta*.

*Cymurgogzu*  
*leptophyllus*  
= 22 *alg. Am. Bar.*

---

*Kallymenia*  
*borata*. 2 spec-  
imens from South  
Barbados and 1  
from Florida. The  
latter seems to  
me doubtful.

---

*Kallymenia*  
*peruviana*. A spec-  
imen from Peru  
Humboldt (Diched)  
is darker and  
thicker than  
my specimens

Kallymenia  
(Griffiths) oruata,  
2 small specimens  
from Kupreuk  
only in Herk  
agardh.

---

The Florida  
Kallymenia  
is kept with  
X reniformis  
most of it.

---

Under Callophytho  
gracilariales  
is but one  
specimen.

sent as *Chondrus*  
*rhodymus* & *Alga*  
*alutacea*?

---

*Callophylla*  
*furcata* has  
127. *Alga*,  
15 an. & 18 an. from  
Santa Barbara  
1875 also other  
specimens.  
Whether my  
old description  
belongs here as  
agardh says  
seems to me doubtful



In *Callophyllis*  
obtusifolia  
is the single  
type specimen  
and one of  
my parents.

---

*Callophyllis*  
*lobellulata*  
Harvey specimens  
rather eulthous-  
-like in habit.  
The Santa  
Barbara speci-  
mens may be  
that but are

more like  
*C. variegata*.

---

*Calliophyllum*  
violaceum has  
128 Alg. Am. Bar.  
(called *locumtato*)  
and a lot of  
other forms  
some with  
pink, some  
violet color. In  
general like  
*furcata* but  
more lobellate.

---

*Call. variegata*  
no. 126 Alg. Am. Bar.

Ozophora  
californica  
ay Herb. Gray  
"cavities in  
rocks. Amakach  
Islet, Unalaska  
March 10. 1872.  
also another  
specimen. See  
my piece from  
Herb. Gray.

---

Crossocarpus  
lanceatus.  
No. 10. 1872.  
specimen in

Herb. Grayi,  
2 specimens  
Golden Gate  
(Bergeren)  
and one Wood,  
Vancouver Id.

---

*Erythroxylum*  
*delesserdavila*,  
Only a part  
of a sterile  
specimen

Vancouver,  
Herb. J. E. Gray,  
all are *Erythroxylum*  
*glossum*

is put in  
Polyneura Californica

Glaucopelte  
furcata. Only  
a very little  
from Ruprecht  
In this cover  
is put G.  
californica Harm  
but it does  
not look at  
all like the  
Ruprecht  
plant

Chrysomenia  
doliopoda  
is a mixture  
including  
Santo Barbara  
young Chrysom  
Isendo-dictio  
oma (Lomentaria)  
sparsifolia  
G. Ag. Msc.) also  
Chrysomenia  
spicata mature  
Lampellus  
and 150 mg  
am. Bor. Inulin

River Chyo,  
Uwanda. ~~at~~  
What is the  
Erythrocytes  
Califorma  
Mason Beach  
included here  
by Gardner ~~at~~

---

Chryseus ~~men~~  
Gardneria  
Cat of fragments  
used and a  
type specimen  
of Harvey.

Chrysomelids\*  
Curtisiana  
Only one large  
pallid yellow  
plant spotted  
with rufous  
covering a whole  
sheet. Loriculae  
complete at base  
with short  
distinct stipes,  
a few more or  
less rudimentary

---



*Hymenophyllum*  
*dichotoma*,  
Agardh has a  
specimen of  
*Scinaria fucellata*  
from Mrs. Curtis  
and Mrs. Hall,  
mark *Hymenium*  
*dichotoma*. It  
is the common  
form of *Scinaria*  
not the undulata  
N.B. I examined  
the Curtis  
specimen with  
fruit microscope

and it is  
certainly  
Scinae.

---

Cryptonemia  
obovata is wght  
in my herbarium

---

Halymena  
lobellata is  
Halymena decihens  
80. Alg. Am. Bor.

---

Halymena  
decihens has  
only one specimen  
which looks like  
80. Alg. Am. Bor.

The specimen  
is probably  
from Cabrera,  

---

*Holymena*  
*spatulata*  
includes my  
*H. Floresii*  
from Bermuda  
and fragmentary  
pieces from  
Mr. Curtis's,  

---

No Californian  
specimens in  
Beckes collection

*Hymenaea*  
*angusta* is  
a mixture;  
Two specimens  
are *Scindara*  
from Mr. Hall  
The rest  
seem to be  
*H. decipiens*

---

*Hymenaea*  
*trigona* var  
~~*tetragonoloba*~~  
Mr. Curtis  
is what I  
have supposed

to be rather  
attenuate  
wrinkled *Halys*  
*decipiens* which  
looks a good  
deal like  
*Nemastomen*.

---

Tokeid algae  
no 10. *Faylor*  
*Grateloupia*  
*prolongata*.

---

*Grateloupia*  
*versicolor*,  
Only two small  
non specimen

from Lichmann

*Grateloupia*  
cuneifolia  
La Cuyra.

Only 4 pieces  
which may  
or may not be  
*Grat. Gibbesii*

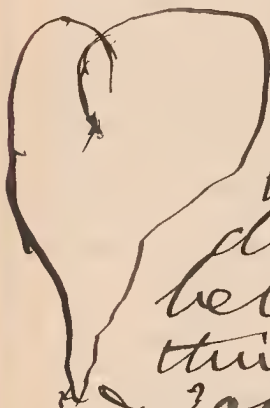
---

*Grateloupia*  
undulata  
seems to me  
same as  
*Grat. Gibbesii*

all the Grats,  
Cut Grats are  
from California  
& L. America

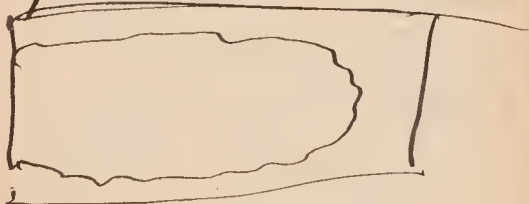
---

Callisia  
Harrow 17,



1/2 nut  
size.  
thick  
dark  
below  
thinner  
& rosy above.  
18. Lact. & album  
Diameter of

which Agardh  
has lower  
half of specimen  
15. Farlow;  
Agardh has  
right half  
of specimen



$\frac{1}{4}$  not given

---

*Prorocentrum gibbata*  
= *Gelidium*  
*crassifolium* Kütz



*Priorites lanceolata*  
and var. *angusta*  
and *Priorites*  
*Andersoni* kept  
as I do. & f .  
*P. hyalii* only  
one large rather  
broad specimen  
from Harvey.

---

*Schizomenia*  
*Mertensiana*  
no better than  
mine.

---

*Schizomenia*  
*Bückeri*, Harbor  
Co. California

*Nemastoma*  
*ceruicornis*,  
Bermuda, kept  
in *ceruicornis*  
cover.

---

My *Halymenia*  
*denticulata*, Maurice-  
au 23, is *Halymenia*  
*denticulata*.

---

*Halymenia*. The  
narrow pinnulated  
forms put by  
me in *H. floccosa*  
are kept there  
but the larger  
rather dentate  
forms from  
*floccosa* are put

in H. Thuidium

---

*Ptiloto Californicum*  
(said to include  
*P. hypnoides*)  
but there is  
also a cover  
for *P. hypnoides*,  
*P. Californicum*  
cover includes  
my *P. hypnoides*  
in Alg. Am. Her.

---

*Crammum*  
*divaricatum*  
Crosby No. a  
New York  
specimen (Hooker!)

as *C. arachnoides*  
*var. patentissimum*  
and one from  
Newburyport  
(as *arachnoides*)  
short coarse &  
divaricate.

My Ceramium  
Deslonchampsii  
is kept in Des-  
lonchampsii  
and in cover of  
C. Hooperi is a  
single specimen  
from Hooper.

Ceramium  
zebrinum  
Centrocera  
Ectocarpus.

---

There is a  
Ceramium strictum  
from Florida  
in Herb. Acad.

---

Mrs Curtis / 6  
is put in Cer  
diaphanum  
but it is my  
strictum.

---

Ceramium  
californicum  
Aug 31. 1852.

Am. Bar. or  
*C. diaphanum*

---

*Ceramium*  
*flouidanum*  
is right?

---

*Microcladia*  
*californica* is  
kept distinct  
by Agardh. Mr.  
Cullen is the  
flat twonote  
form.

---

*Microcladia*  
*borealis* resembles  
*C. obsoletum*  
in habit in bearing

but is a  
*Micoclachia*

---

under *Cerium*  
*flexuosum* ~~is~~  
is a specimen  
called at  
first *Cerium*  
*cancellatum*  
Marked Florida  
Curtis. It is  
evidently from  
California  
and is *Micoc-*  
*clachia californica*

---

*Cerium*  
*cancellatum*  
from the Lake

I cannot well  
distinguish  
from *Micoclada*  
~~Californica~~

---

*Groenlandia*  
confused with all  
the large Californian  
*Utricularia* sub  
here and also  
*Flourensia* forms.

---

*G. compressa* \*  
includes my  
*G. multipartita*  
and *astensis*  
and a *Flourensia*



specimen.

---

Gracilaria  
(specific name  
I have forgotten  
to take with me)  
no Hamaker  
went

---

Gracilaria  
Nightingale  
Downing's Nightingale  
is this

---

\* The greenish  
more or less  
tangled Gracilaria  
from Mauritius  
257 is Gracilaria <sup>disticha</sup>

Gracilaria  
coccinifera  
Barbadoensis  
Floridan

---

Gracilaria  
palea v. v. v.  
Lunenburg Is.  
G. coronata folia  
and a Bermuda  
specimen

---

Gracilaria  
Cunninghamii  
on Mrs. Hall's  
specimen is  
marked Rhodysma  
Bryhanii Farlow,  
I do not remember

ever to have given  
this name to  
anything. This  
is only the  
Californian  
*G. multipartita*.

---

*Gracilaria*  
*tridactyla* is  
nothing more  
than *G. multipartita*  
var. *angustissima*  
and Hooper's  
specimens and  
mine of var.  
*angustissima*  
are part of them

put under *Q.*  
*compressa* and  
put under *Q.*  
*tridactyla* although  
they are all the  
same

---

*Gracilona*  
*intermedia*  
seems to be  
*Q. intermedia*  
*compressa*

---

*Gracilaria cuneata*  
*cuneata*  
my Mauritius  
34a

---

*Gracilona*  
*lunosa* Santo  
Cruz. W. I. no. 4, 6, 11, 12, 13

*Gracilaria*  
*danceae* comb.  
Bermuda. 11 & 19  
Florida several  
numbers

---

*Gracilaria*  
*arcuata* as  
Harvey's *G.*  
*armata* of  
Key West

---

*Leptocladia*  
Binghamal  
has only a very  
small fragment  
looking like a  
*P. Mea*.

*Chrysomela*  
*cutiloba*, 3 specimens  
pieces from  
Mrs. Hall. Marked  
also *C. planifrons*  
Indian River. Thin  
adhering to paper  
yellowish.

---

*Ligora pulchellata*  
same as my Key  
West specimens

---

*Ligora opposita*  
branches really  
opposite one  
specimen from  
Mrs. Curtis

*Liopora tenuis*  
one very regularly  
branching mark  
*L. valida* Horn?

---

*Liopora chepensis*  
includes my 76.

---

*Liopora congesta*  
Bermudez, Farlow  
is red like  
*Chepensis* but  
short and  
regularly decus-  
sate,

---

*Liopora paniculata*  
Curtis. 1 specimen

*Liagrea cuneolata*  
includes *L.*

*caenomyce*,  
*NiPoc. Eff. Exh.*

---

*Helminthoglossum*  
*batrachopneus* /  
specimen from  
Santa Barbara  
~~California~~

---



---

*Helminthoglossum*  
*clavatum* is  
very broad flag  
dust yellow looking



like a *Gratiola* with  
with few distinct  
branches

---

*Helminthopsis*  
*verticillifera*  
marked as *H.*  
*divaricata*. One  
large beautiful  
specimen closely  
branching beautiful  
rose color, rather  
stout axis and  
branches and  
slender tips

---

Nematode alter-  
natum (*Dermoneura*  
*dichotoma* Gr.)

China is kept  
in *n. alternatum*

---

*Hemalion vicius*  
one small (2 inch  
high) regularly  
deciduous  
lobellate green  
yellow from  
Seichmann, evi-  
dently old.

---

*Chrysomela*  
Klamath, Key  
West, Melville,  
Frieden, looks  
like *Chrysomela*

Azardium & I believe  
I have it from  
Melville as  
C. Azardium, or  
perhaps Halymus  
Floresco

---

Nitophyllum  
ocellatum is  
the Florida form

---

Nitophyllum  
multibolum  
Specimens are  
small and not  
characteristic

Nit. Fagelii  
like mine

---

Is not Nitro-  
phyllum neuro-  
glossum same  
as Nitissimum

---

One doubtful  
Nitrophyllum  
acerratum from  
Florida

---

Nitrophyllum  
violaceum  
= 10 algam Bor

Nitophyllum  
Farlowianum  
is the largest  
form of N. Re-  
brechtianum.

---

Nit. Farlowianum  
var. seems to  
me to be rather  
N. violaceum

---

Nitophyllum  
stenoglossum  
is young  
N. Rebrechtianum,

Nitophyllum  
marginatum  
92 this prolificus  
Ruprechtianum  
in volucrum?  
nearer the former

---

My 14 Australia  
Necrospatum  
<sup>topusium</sup>  
is kept as such.

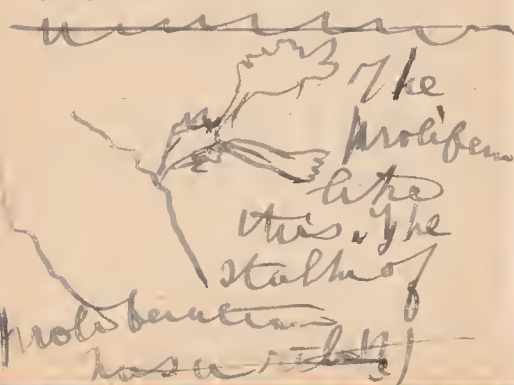
---

Budhanna  
nitophylloides  
same as mine

---

Delesseria  
in the media, 1

specimen from  
Esquimaux,  
3 inches x 2 inches  
or a little more  
It is a profuse  
fragment of  
something and  
venation does  
not look like  
*Dioscorea*



The stalk of  
proliferatums  
has perhaps a  
stipe. I have  
no specimens.

---

*Delesseria*  
*quecofolia*.  
resembles the  
Californian  
form.

---

*Delesseria* *Woodii*  
Dunsmuir is  
my plant?

---

*Delesseria*  
*Californica*, *yl*



very small  
purple form (8)  
from Dindur  
it is narrow  
nearly  $\frac{1}{4}$  inch  
caespitose and  
little branched  
and has lost  
for fragments  
a young plant.

---

Delesseria  
hemisphaera  
my small  
Kerguelen  
Delesseria

In *Delesseria*  
*spiralosa* is  
not my *D.*  
*montagnei* &  
*D. alata* Ungava  
Bay and a  
*Delesseria*  
from Esquimaux,

---

*Delesseria*  
*alata* includes  
my 140 alg. from  
Boa, and  
Santa Barbara  
*D. alata*

My Callitriche  
Barriere is in  
Barriere cover.

Callitriche  
Vancouveriana  
1 specimen  
marked C,  
Thyridites  
Esquimaux  
Harvey, No  
Specimen of  
Call. vancouveriana  
in Herb. Acad.

C. Vancouverian  
is distichous  
3-4 pinnate  
ultimate  
brachies not  
corticate and  
hardly leathery

---

Lagossu  
Nestling I  
have never  
seen before  
Does not look  
like Agardhis  
figure. Leaves

smooth, flat  
entire shiny,  
resembling  
small alder  
leaves and  
well named  
by Chamisso  
in Herb. Lays,  
*buxifolium*.

---

*Fucus Micho-*  
*nensis*. One  
specimen from  
De la Pylai  
like my *Boles*  
of Shoals plant.  
This is not

Agardhs Green  
land Melonensis  
whats is costata  
etc. The Melon-  
ensis may  
be *F. distans*  
~~There is one~~  
specimen  
called Melon-  
ensis from  
Eschscholtz,

---

*Fucus farcatus*  
all small  
specimens  
from California

Lagossium  
leveligenum  
Bermuda  
Harrington  
Island.

---

Narrow Lag-  
gossium attached  
to rocks in  
bay, Bermuda  
"Lagzilunifolium"  
said to be  
~~rather~~ Lagz  
salicifolium

---

The very narrow

curved rigid  
at right  
angles to  
stem of which  
I have a  
very little  
from Cuba



British Museum.  
and specimen of  
*Crossocarpus*  
are three specimens  
from J. E. Gray,  
one marked  
*Callophyllum laevig-*  
*atum* (?) put in  
*Crossocarpus*  
with doubt.  
The specimens  
do not look  
like figure of  
*Crossocarpus*  
but appear to  
be forms of *Callo-*  
*phyllum laevigatum*

There is a  
note by Edwin  
Wheeler marked  
*Clitocybe sub-  
pulverulenta*  
which looks  
like *Clitocybe*  
*morhefascia*  
Peck. No note  
as to whether  
it is edible or  
not.

M. me Webee.  
Eerbeek.

- Beechy Vagary

I have 5 parts

Bot. Centralblatt

LXXXI. wants

Index after XVI.

Bucholz Collection

curieuses des

Chambray

1792

Bertoloni }  
amoenitates } Bay  
Italiæ

Görschel. die so  
genannten Mollusken

Giard. Couplet

Reud. 5. Aug. 1889.

Lammaria an  
tract

Klücker's.

What names  
of Desmazie  
in my library  
from Proc. Soc. Lill

J. Hooper. Intro-  
duction to  
Alpology. Oct. 1859.

Mlle Anna Vickers  
84 Rue Lauriston  
Rue of Lave  
for Meyren

